

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019622.D
 Acq On : 19 Sep 2024 09:57
 Operator : SY/MD
 Sample : VY0919SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

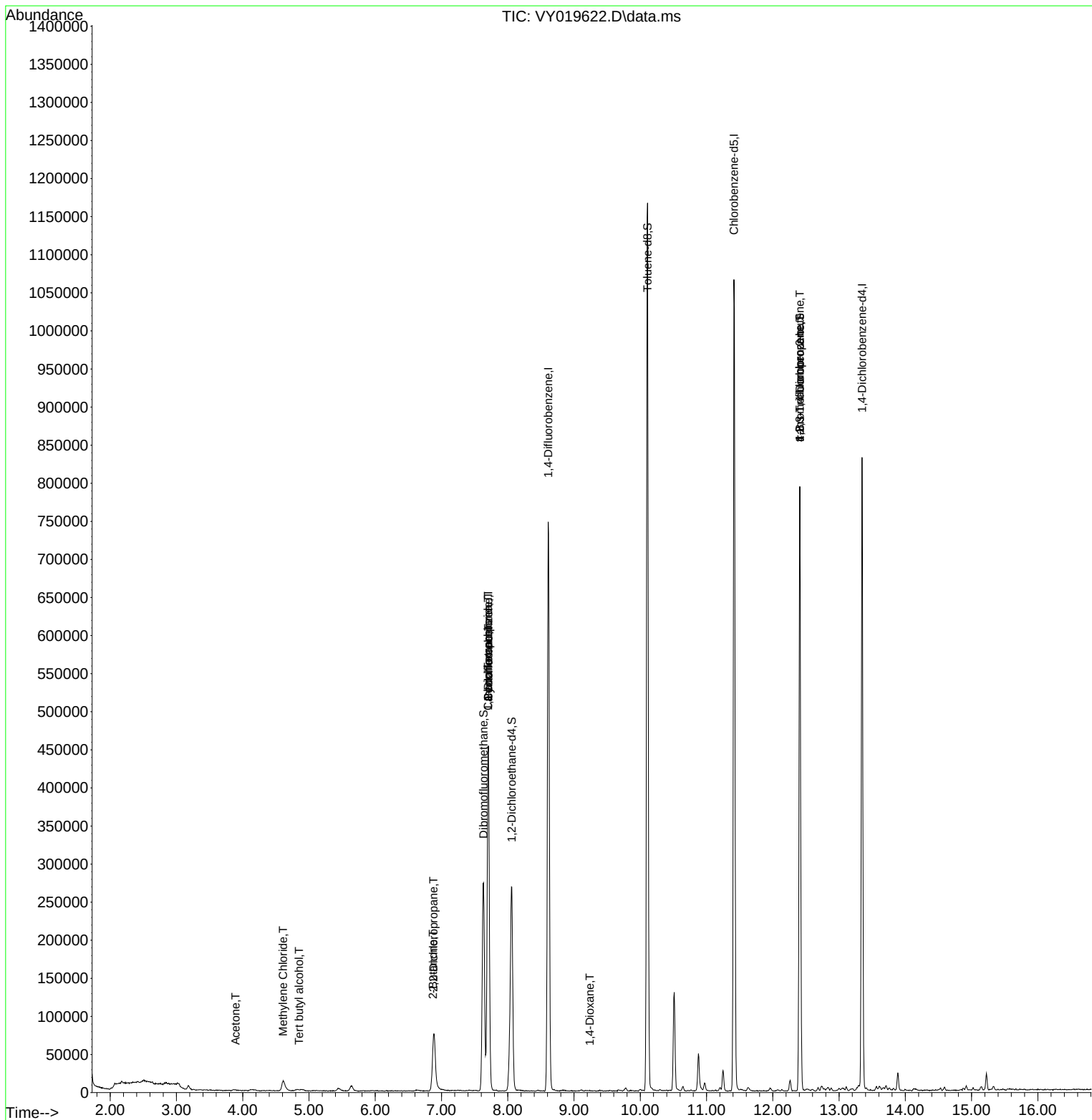
Quant Time: Sep 20 01:26:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

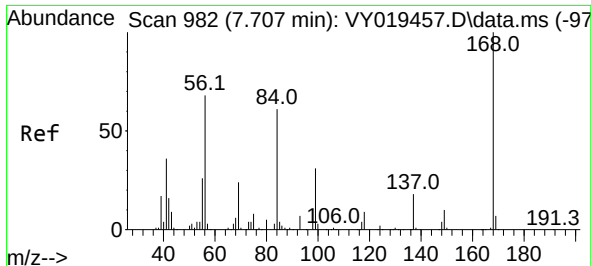
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	337085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	640163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	557166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	188072	60.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.500%	
35) Dibromofluoromethane	7.634	113	201116	55.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.820%	
50) Toluene-d8	10.109	98	759772	56.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.408	95	230812	44.713	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.885	85	54	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	2118	8.402	ug/l	# 88
13) Acrolein	3.678	56	380	Below Cal	#	15
16) Acetone	3.891	43	2765	3.718	ug/l	# 73
20) Methylene Chloride	4.610	84	8846	2.608	ug/l	# 89
25) 2-Butanone	6.872	43	5412	5.117	ug/l	# 74
26) 2,2-Dichloropropane	6.878	77	6006	1.077	ug/l	# 51
31) Cyclohexane	7.707	56	8020	1.436	ug/l	# 11
36) 1,1-Dichloropropene	7.701	75	28612	5.793	ug/l	# 49
38) Carbon Tetrachloride	7.701	117	36351	6.527	ug/l	# 16
49) 1,4-Dioxane	9.238	88	50	2.088	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	126255	68.926	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	126255	132.318	ug/l	# 16

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 20 01:26:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

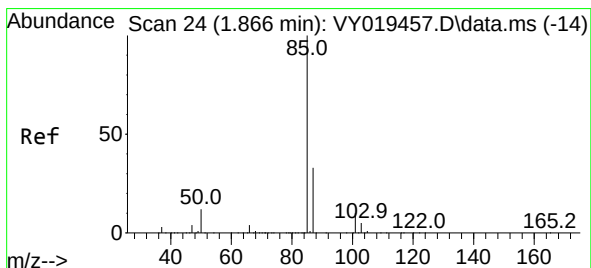
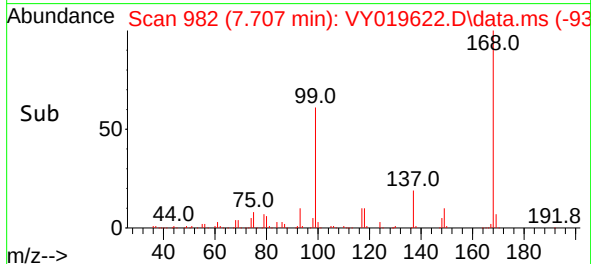
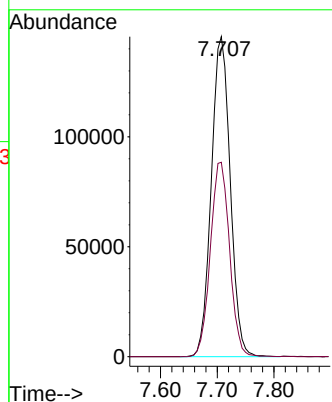
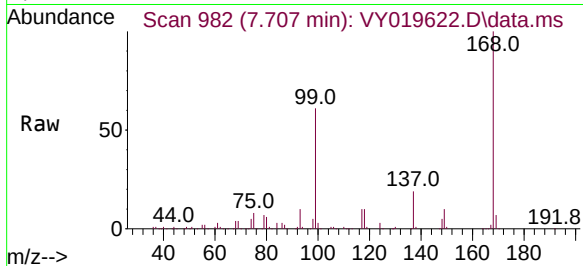




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

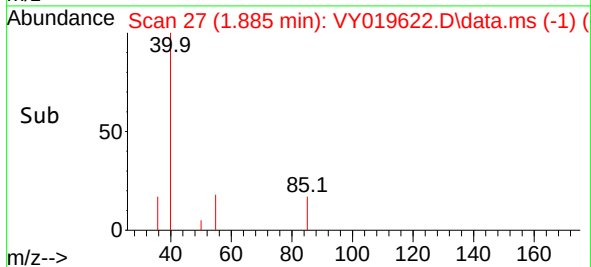
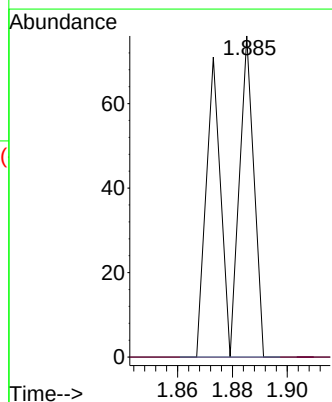
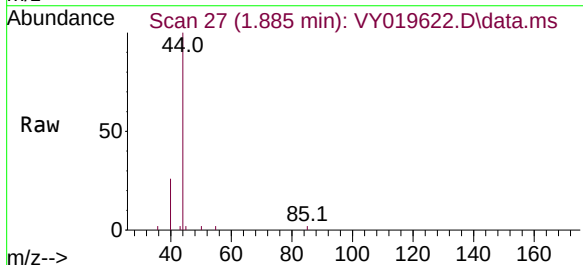
Instrument :
MSVOA_Y
ClientSampleId :

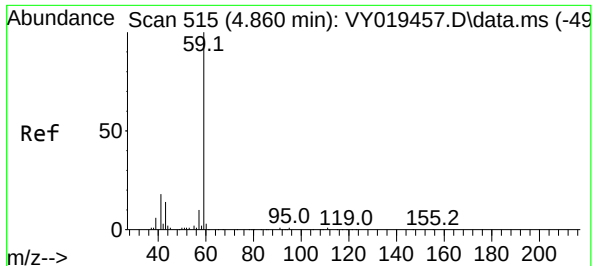
Tgt Ion:168 Resp: 337085
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.885 min Scan# 27
Delta R.T. 0.019 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

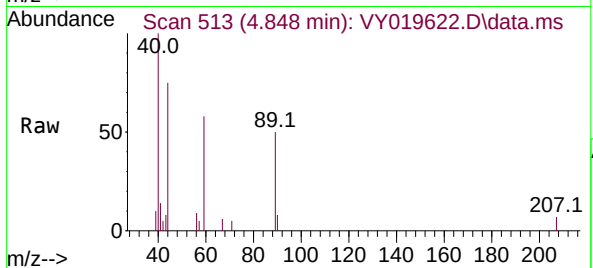
Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



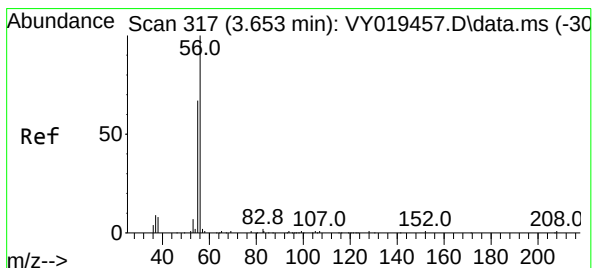
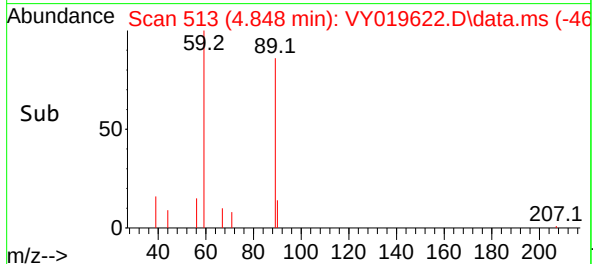
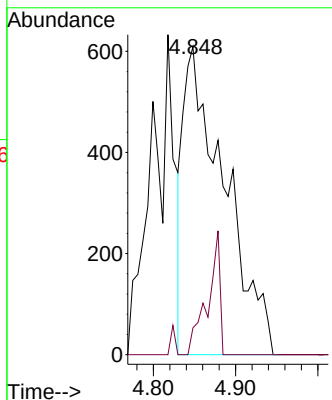


#11
Tert butyl alcohol
Concen: 8.402 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Instrument :
MSVOA_Y
ClientSampleId :

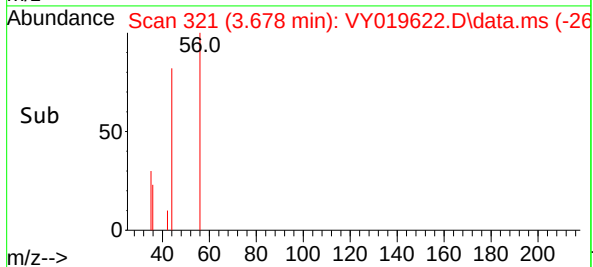
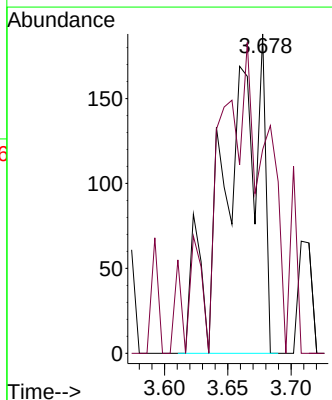
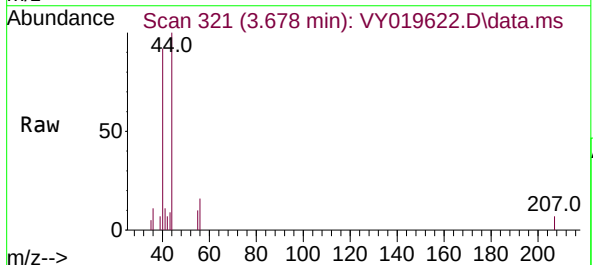


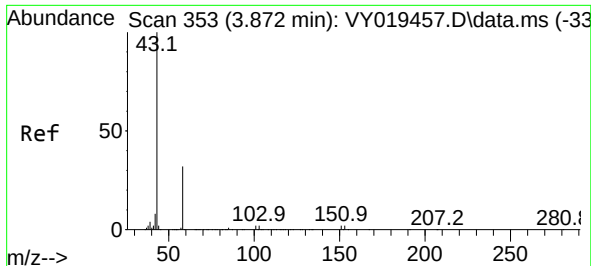
Tgt Ion: 59 Resp: 2118
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.678 min Scan# 321
Delta R.T. 0.025 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

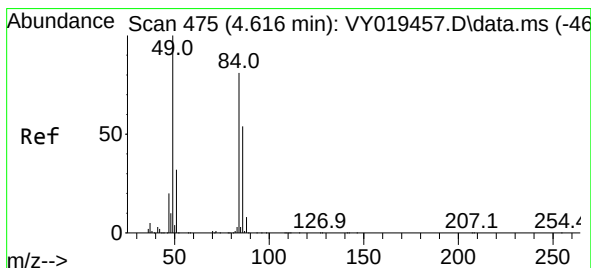
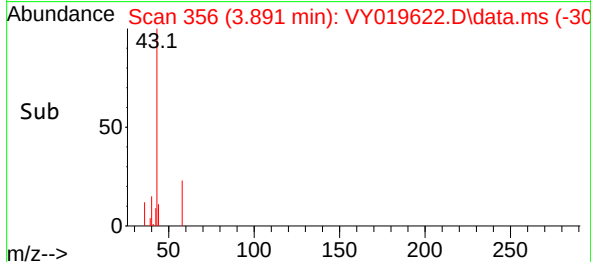
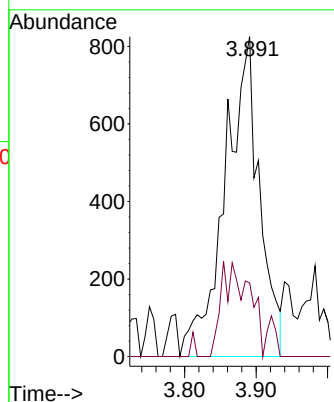
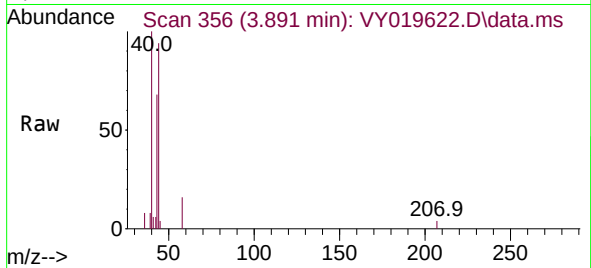




#16
Acetone
Concen: 3.718 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

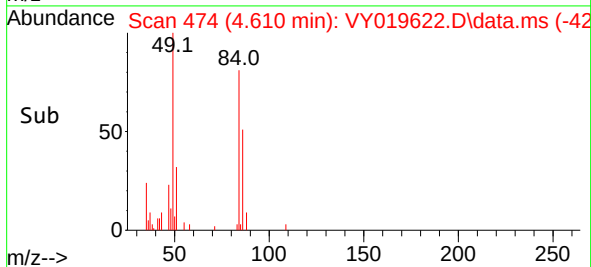
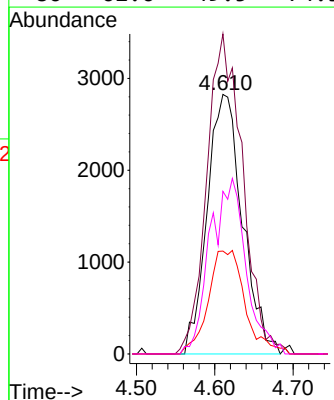
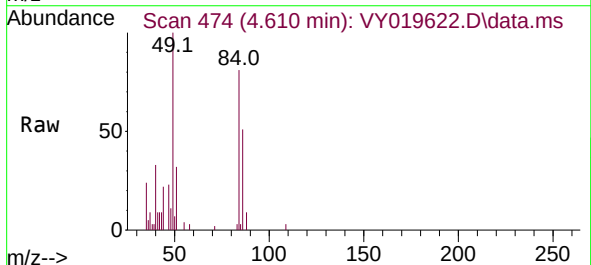
Instrument :
MSVOA_Y
ClientSampleId :

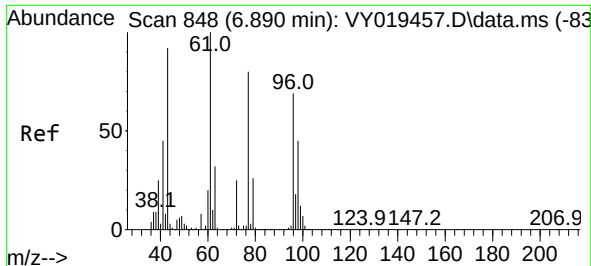
Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 23.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.608 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion: 84 Resp: 8846
Ion Ratio Lower Upper
84 100
49 121.5 84.4 126.6
51 39.6 26.0 39.0#
86 62.6 49.5 74.3





#25

2-Butanone

Concen: 5.117 ug/l

RT: 6.872 min Scan# 84

Delta R.T. -0.018 min

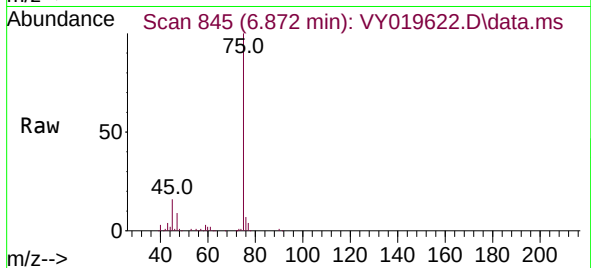
Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :

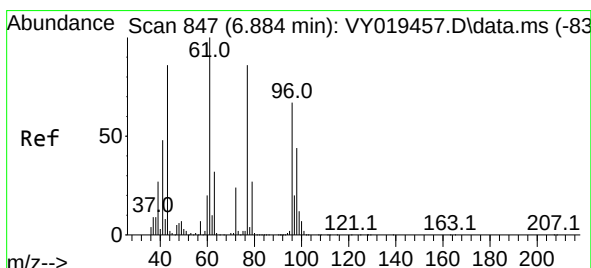
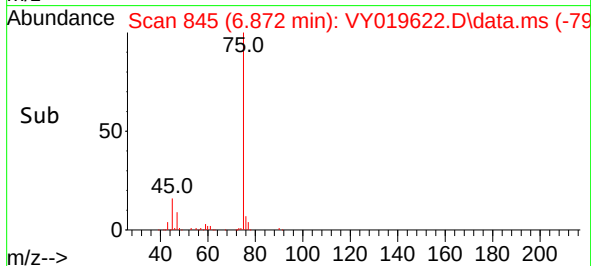
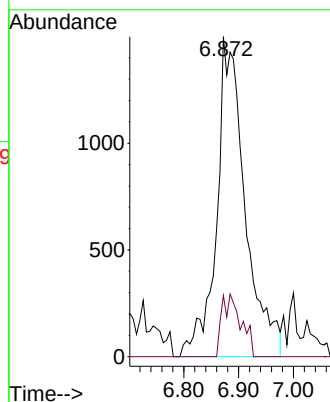


Tgt Ion: 43 Resp: 5412

Ion Ratio Lower Upper

43 100

72 19.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 1.077 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019622.D

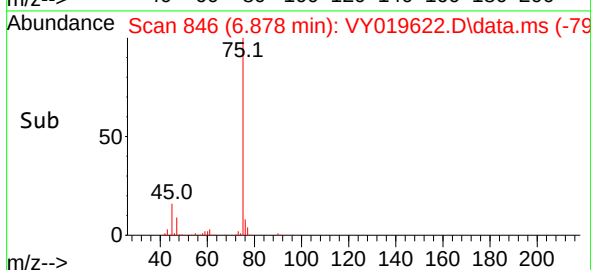
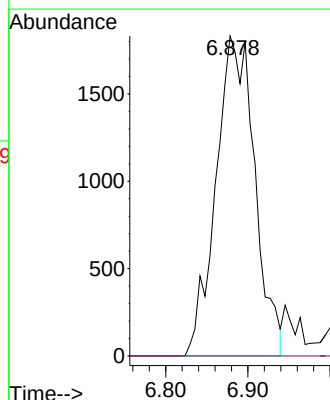
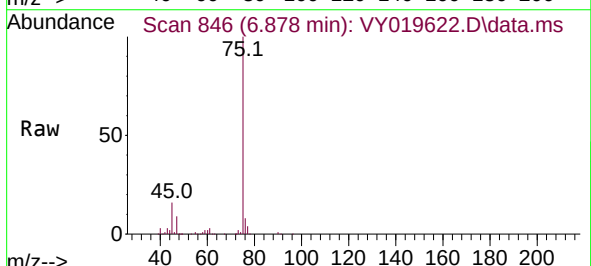
Acq: 19 Sep 2024 09:57

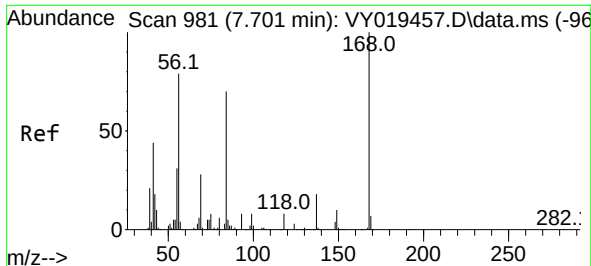
Tgt Ion: 77 Resp: 6006

Ion Ratio Lower Upper

77 100

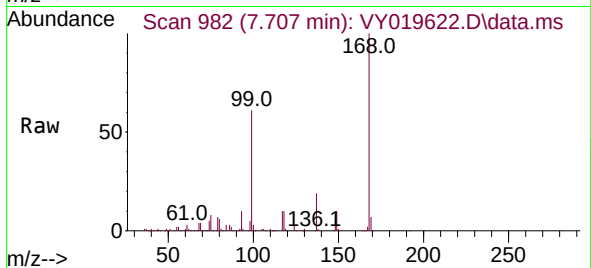
97 0.0 12.0 36.1#



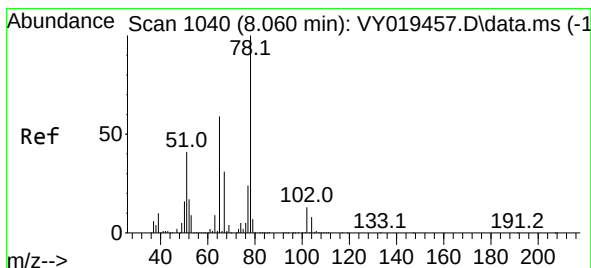
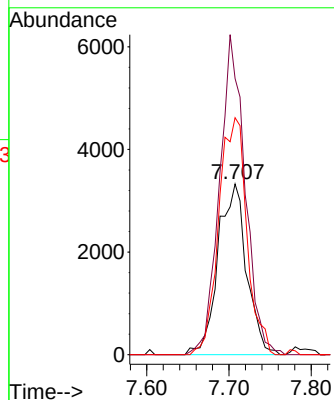
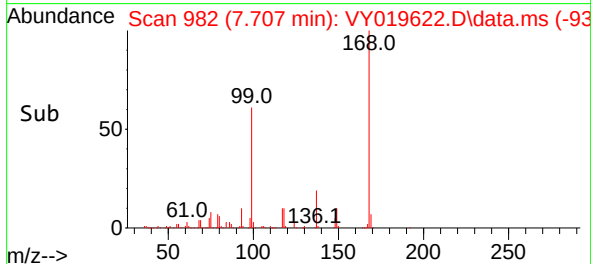


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Instrument :
MSVOA_Y
ClientSampleId :

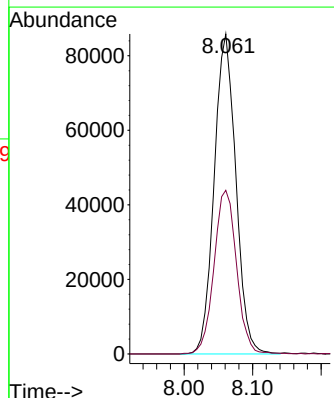
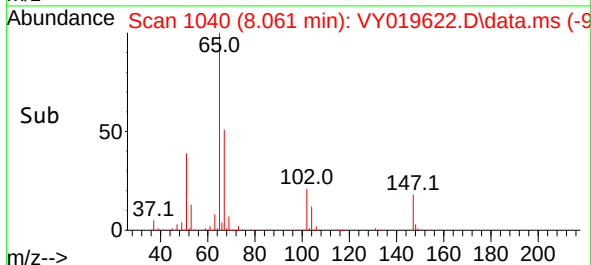
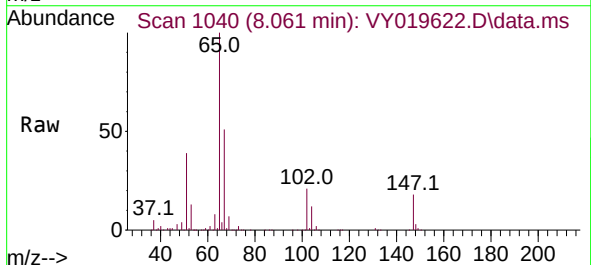


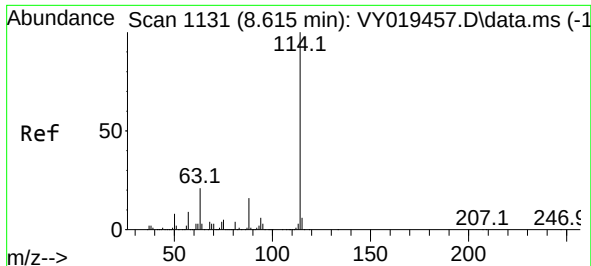
Tgt Ion: 56 Resp: 8020
Ion Ratio Lower Upper
56 100
69 161.7 28.7 43.1#
84 138.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.254 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion: 65 Resp: 188072
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

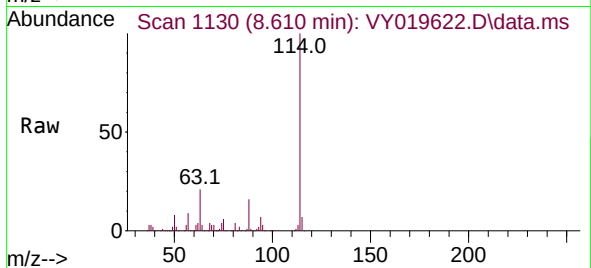
Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :



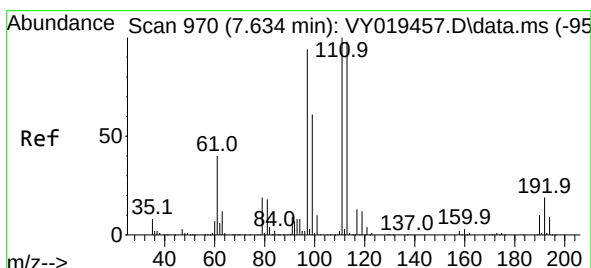
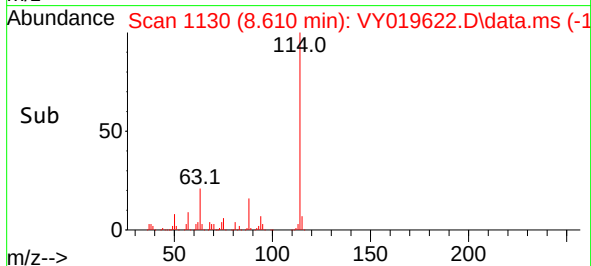
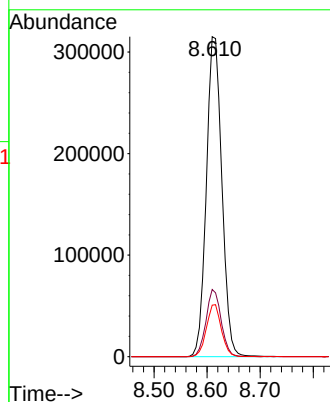
Tgt Ion:114 Resp: 640163

Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.410 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

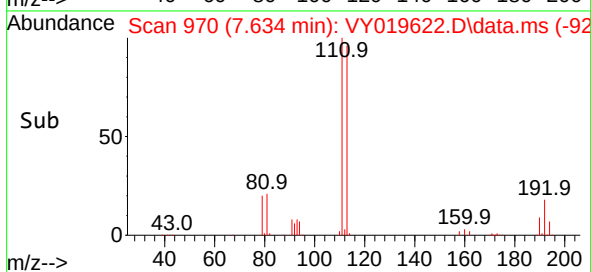
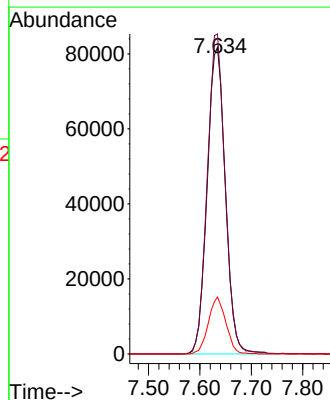
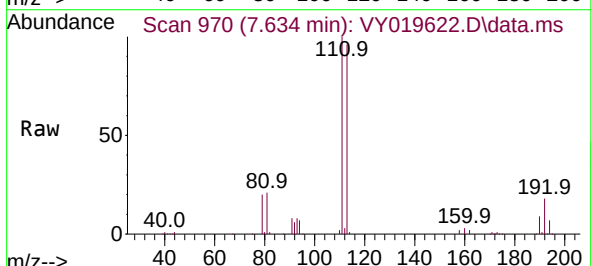
Tgt Ion:113 Resp: 201116

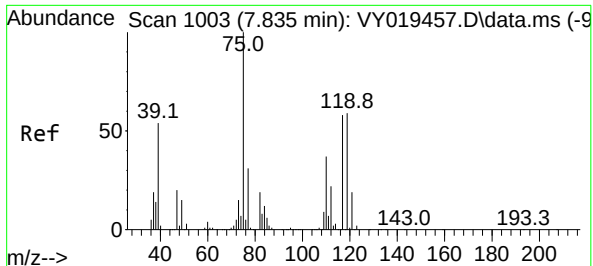
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.793 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019622.D

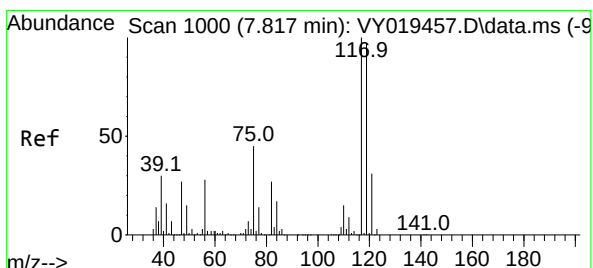
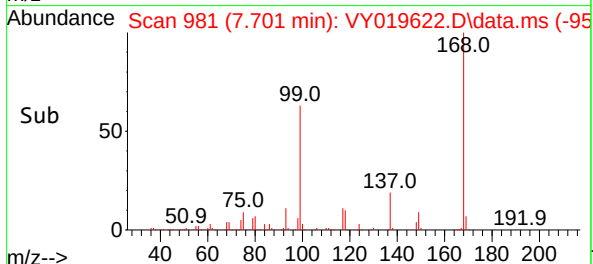
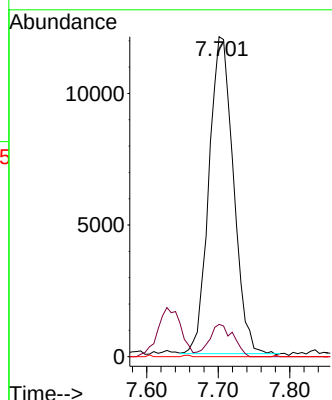
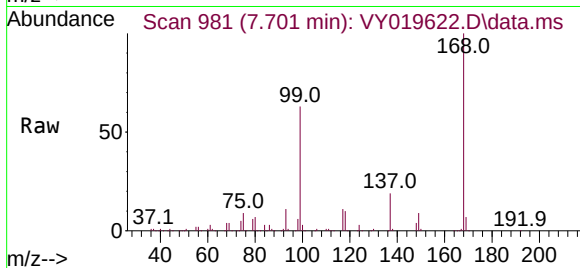
Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 28612
Ion Ratio	Lower Upper
75	100
110	9.8 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.527 ug/l

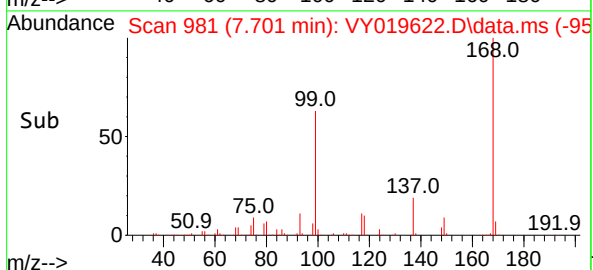
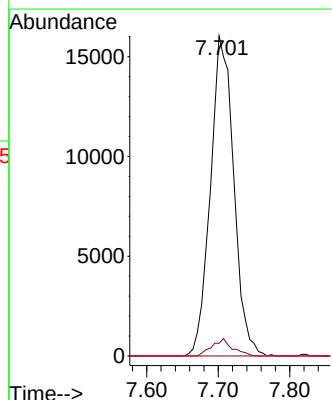
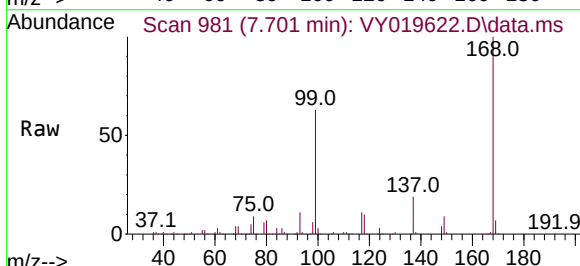
RT: 7.701 min Scan# 981

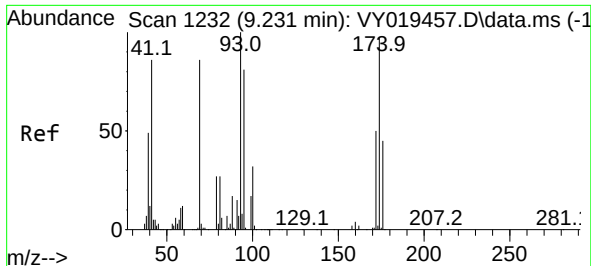
Delta R.T. -0.115 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Tgt Ion: 117	Resp: 36351
Ion Ratio	Lower Upper
117	100
119	4.0 75.8 113.6#
121	0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.088 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.007 min

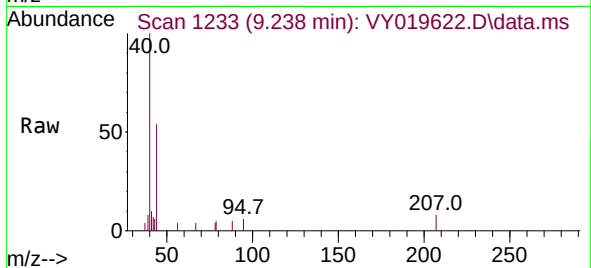
Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

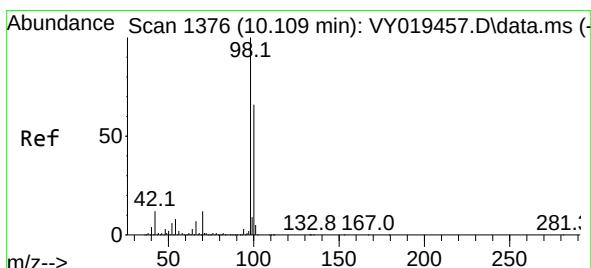
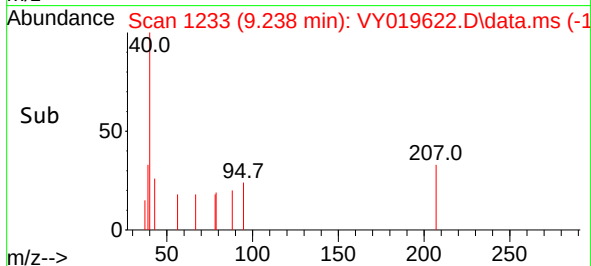
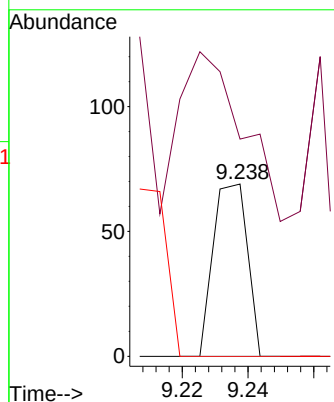
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	50
Ion	Ratio	Lower	Upper
88	100		
43	298.0	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 56.594 ug/l

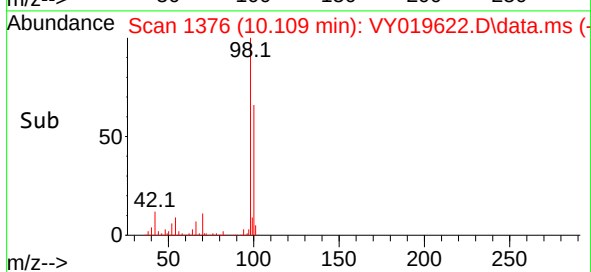
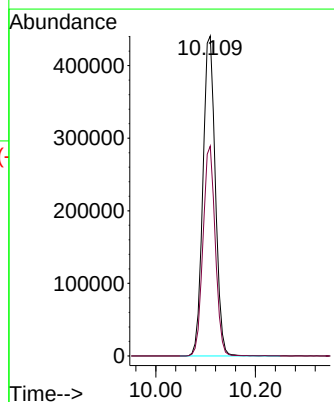
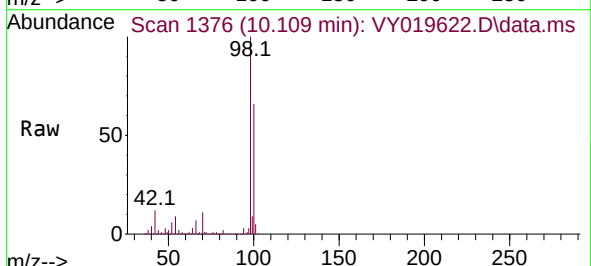
RT: 10.109 min Scan# 1376

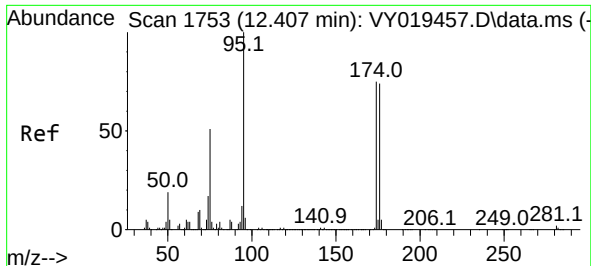
Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Tgt Ion:	98	Resp:	759772
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

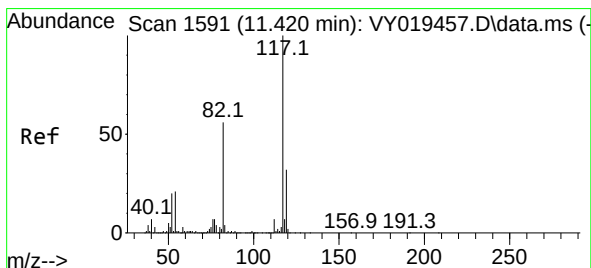
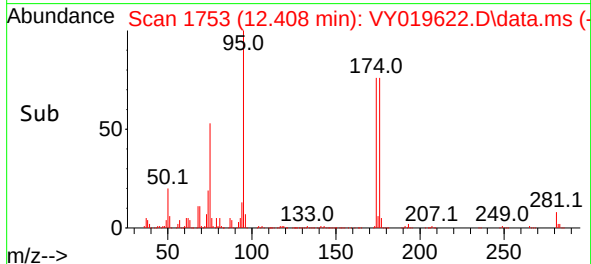
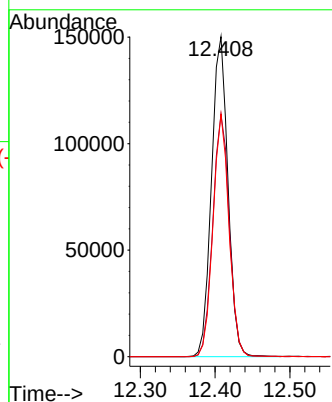
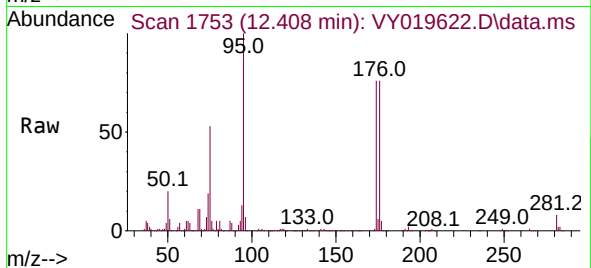




#62
4-Bromofluorobenzene
Concen: 44.713 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

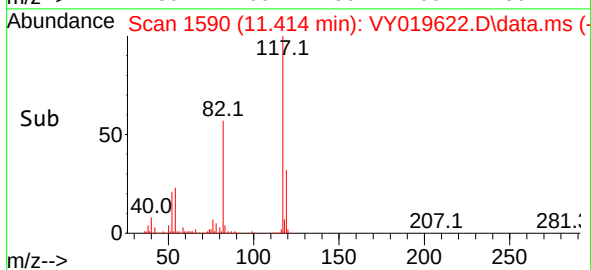
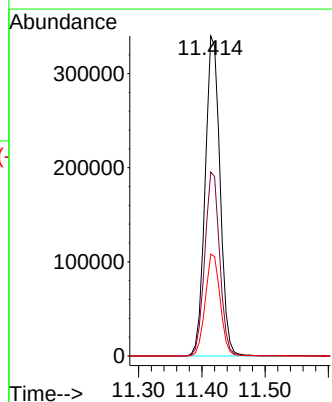
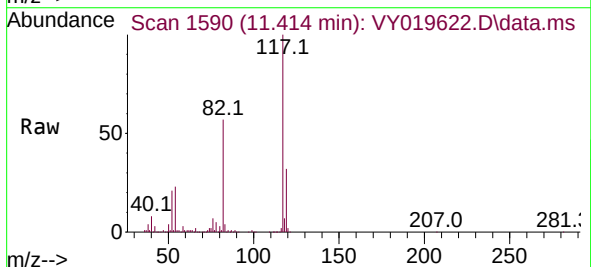
Instrument :
MSVOA_Y
ClientSampleId :

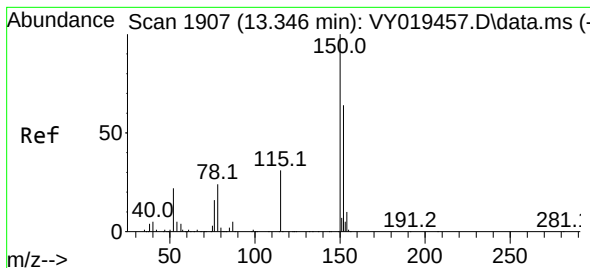
Tgt Ion: 95 Resp: 230812
Ion Ratio Lower Upper
95 100
174 76.0 0.0 175.6
176 73.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion: 117 Resp: 557166
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :

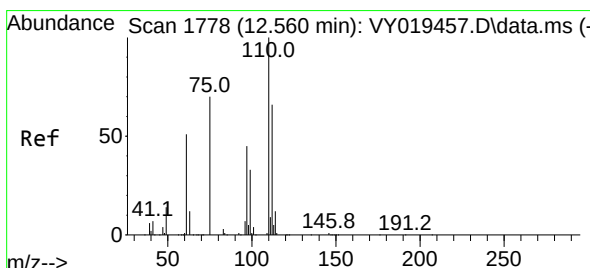
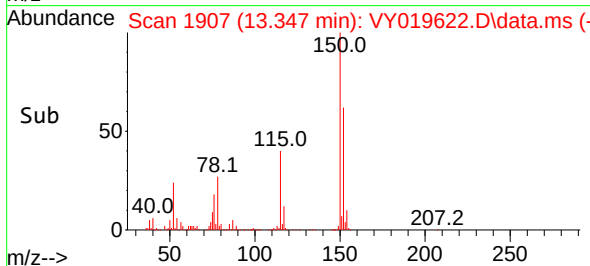
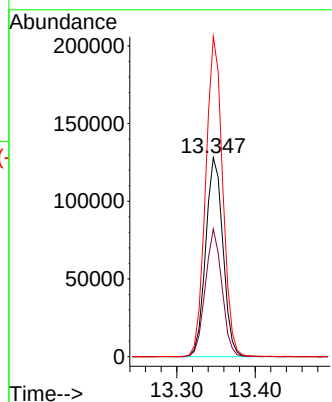
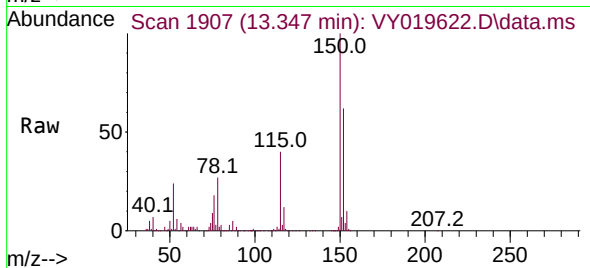
Tgt Ion:152 Resp: 195430

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.926 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019622.D

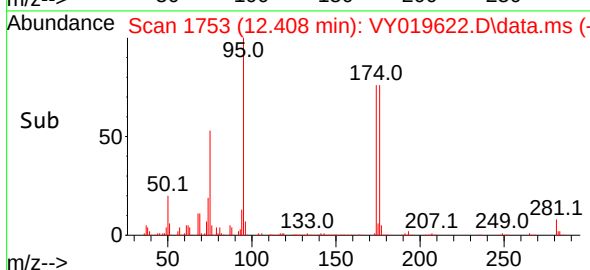
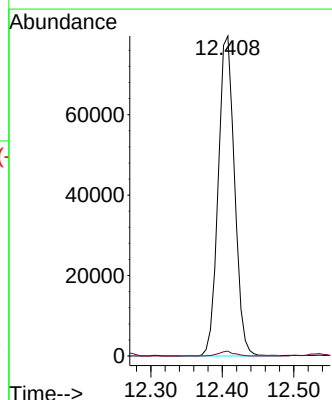
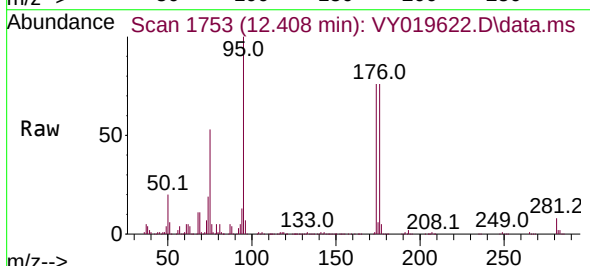
Acq: 19 Sep 2024 09:57

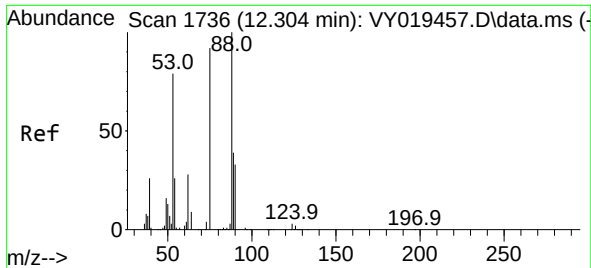
Tgt Ion: 75 Resp: 126255

Ion Ratio Lower Upper

75 100

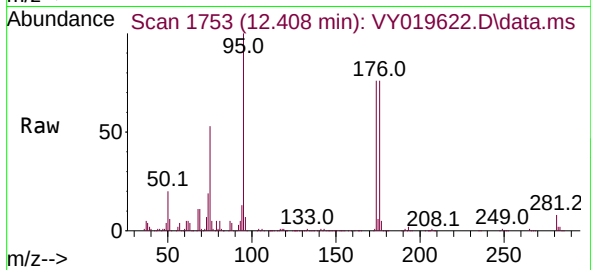
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.318 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019622.D
 Acq: 19 Sep 2024 09:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	126255
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

